



SAM Webinars 2019: Introduction to PySAM

Darice Guittet

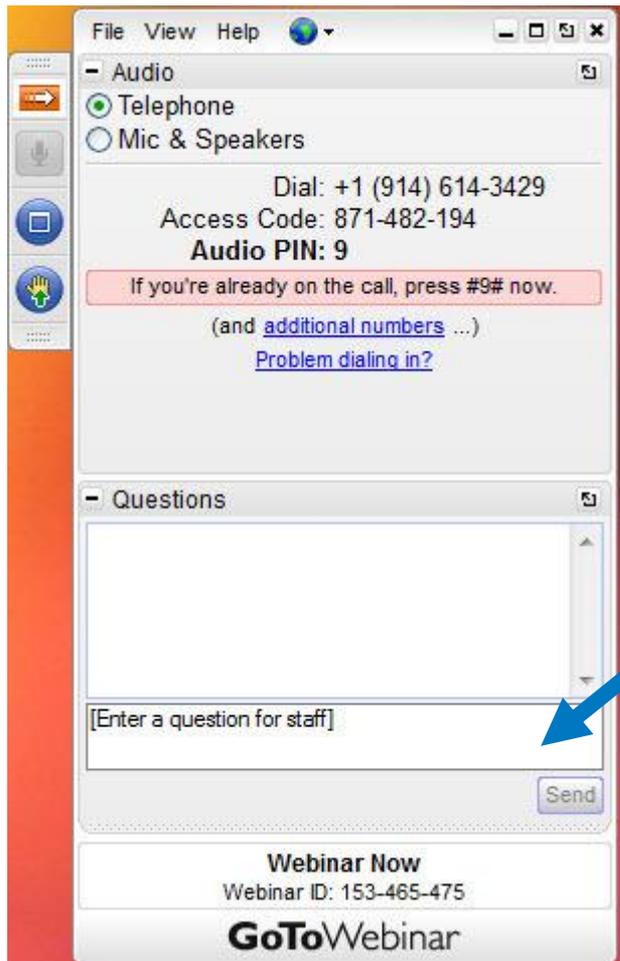
August 1, 2019

- **Introduction to PySAM, Today**
- Modeling Wind Systems in SAM, August 22
- Modeling Fuel Cells in SAM, September 19

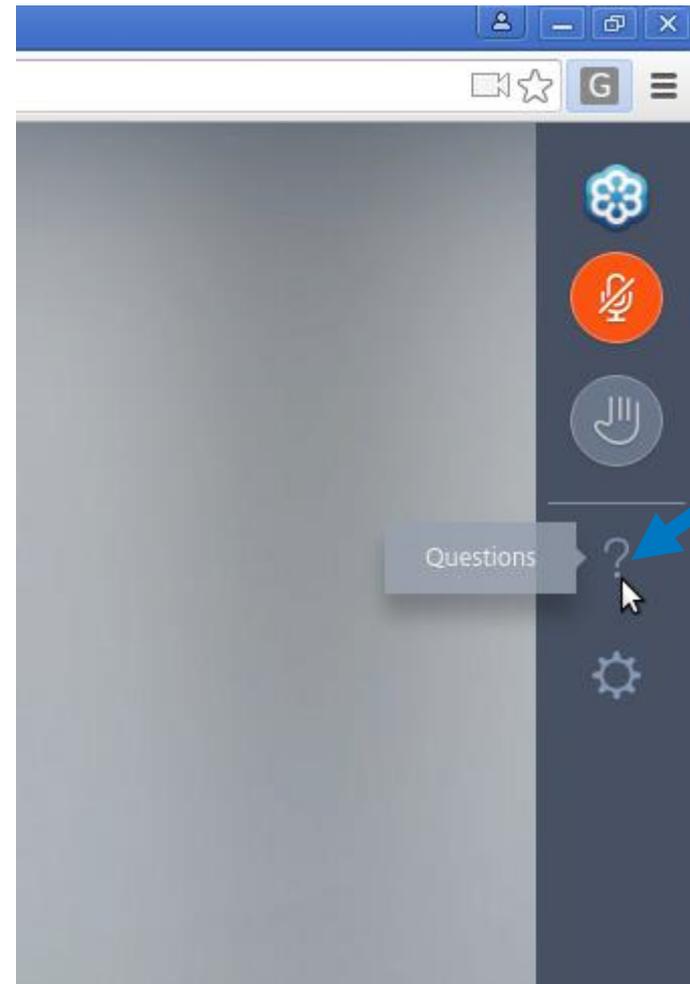
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This webinar will be recorded and posted on the SAM website at sam.nrel.gov

Use the GoToWebinar control panel to ask questions.



Desktop application



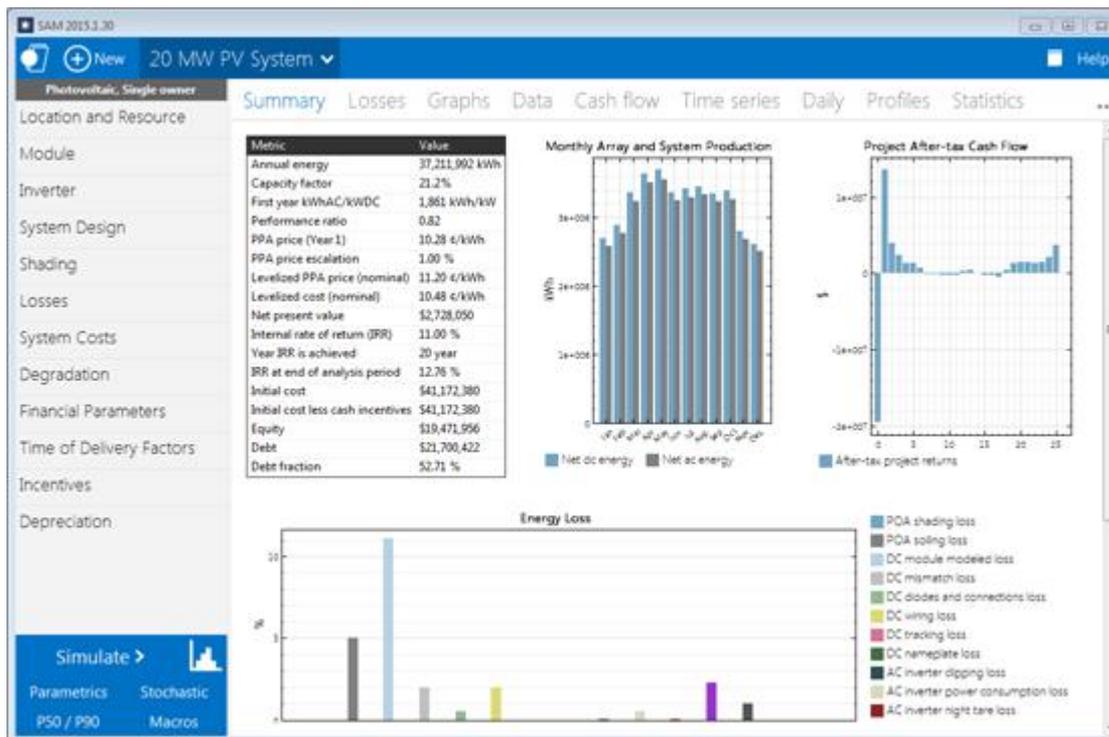
Instant Join Viewer

We will either type an answer to your question or answer it at the end of the presentation.

System Advisor Model (SAM)

SAM is free software for modeling the performance and economics of renewable energy projects.

<http://sam.nrel.gov> and github.com/NREL/SAM



- Developed by NREL with funding from DOE
- Windows, Mac, and Linux
- One or two new versions per year
- Software Development Kit (SDK)
- Support
 - Help system
 - Documents on website
 - Online forum
 - Website contact form on website

Outline

- PySAM Intro
- Example: Utility Scale PV Project
 - SAM
 - PySSC
 - PySAM
- Getting Started with PySAM
 - Installation
 - Executing Models
 - Importing from SAM
 - Accessing `compute_modules`
- Q&A

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Python 3.7 & MacOSX < 10.14 issue: <https://github.com/NREL/pysam/issues/6>

- Executing Models
 - **Inputs**
 - PySAM.error
 - Running Simulations
 - Linking up Simulations

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Thank you!

Questions?

www.nrel.gov

